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WIRELESS COMMUNICATION METHOD AND EQUIPMENT, COMMUNICATION CONTROL PROGRAM AND CONTROLLER, KEY MANAGEMENT PROGRAM, WIRELESS LAN SYSTEM, AND RECORDING MEDIUM

Patent number: JP2004056762
Publication date: 2004-02-19
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Classification:
- international: H04L9/08; H04L12/28
- european:
Application number: JP20030128758 20030507
Priority number(s): JP20020156210 20020529; JP20030128758 20030507

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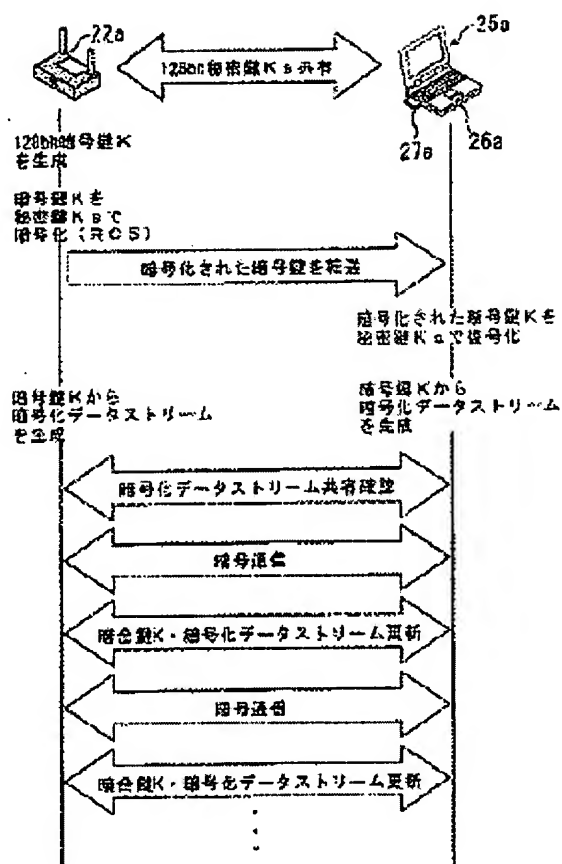
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Abstract of JP2004056762

<P>PROBLEM TO BE SOLVED: To construct, at low cost regardless of system scale, a wireless LAN system which is safe in both the aspects of terminal authentication and protection of communication contents.

<P>SOLUTION: An access point 22a and a terminal 25a share a secret key Ks. The access point 22a generates a cryptographic key K to be used for encrypting/decoding the communication contents by itself, encrypts the key with the secret key Ks and then transfers it to the terminal 25a. The terminal 25a decodes the encrypted and transferred secret key Ks to be reproduced. The access point 22a and the terminal 25a respectively generates an encrypted data stream from the shared cryptographic key K and confirm that the encrypted data stream is to be shared.

Thereafter, contents of communications between the both are encrypted/decoded, using the encrypted data stream. <P>COPYRIGHT: (C)2004,JPO



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